

CITY COUNCIL MEETING
May 15, 1991

PUBLIC HEARING REGARDING PUBLIC
IMPROVEMENT DESIGN STANDARDS

RESOLUTION NO. 91-92 ADOPTED

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CC-300

Notice thereof having been published according to law, an affidavit of which publication is on file in the City Clerk's office, Mayor David Hinchman called for the public hearing regarding Public Improvement Design Standards.

The matter was introduced by Assistant City Engineer Richard Prima who advised the City Council that on February 21, 1991, draft design standards for public improvements were sent out for comment to nearly 50 engineers and developers plus the City Council and Planning Commission. This draft is a complete rewrite of the standards adopted in 1976. The Introduction, Storm Drainage and Miscellaneous sections were written by City staff. The Water section was written by City staff based on information supplied in the Water Master Plan by Psomas & Associates. TJKM (streets) and Black & Veatch (wastewater) prepared recommended design standards as part of their work on the respective Master Plans. Their work was somewhat revised and edited by City staff to conform to the organization of the other sections.

Major changes from the 1976 standards were outlined. Some changes were made in the draft since February 21, partly based on comments received at a public meeting held March 12 at which one engineer and two developers attended. No other comments were received. A few errors have been corrected.

The standards were reviewed at a Council "shirtsleeve" meeting on April 9 where an additional change regarding sight distance and right-of-way fences was described.

The standards do not include the following items which the Council may wish to direct staff for future action:

Fences and Landscaping - The Standards were silent as to criteria for landscaping and reverse frontage fences whether publicly or privately owned and maintained. Staff feels that this should be specifically addressed in the project approval stage. If written minimum requirements are desired, they should be developed with SPARC and/or the Planning Commission and added to the Standards at a later date. The fact that these issues are not included was specifically added to Section 1.301, General Design.

Parkways - A standard street section incorporating trees and a landscaped parkway between the curb and sidewalk in new subdivisions has been discussed. Such a standard would either:

- ° Require substantially more right-of-way, thereby

CITY COUNCIL MEETING
May 15, 1991

increasing the cost of new homes; or

- ° Require a change in the zoning code to provide for reduced front yard setbacks (except for garages). Staff feels this should be addressed by the Planning Commission.

Addressing the City Council regarding the matter was:

- a) Melissa Harmuth Joshi, State of California,
Department of Transportation.

There being no other persons wishing to address the City Council regarding the matter, the public portion of the hearing was closed.

On motion of Council Member Sieglock, Pinkerton second, the City Council adopted Resolution No. 91-92 entitled, "A Resolution of the Lodi City Council Adopting Design Standards for Public Improvements".



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Public Hearing Regarding Public Improvement Design Standards

MEETING DATE: May 15, 1991

PREPARED BY: Public Works Director

RECOMMENDED ACTION: That after conducting a public hearing, the City Council adopt a resolution adopting design standards for public improvements.

BACKGROUND INFORMATION: On February 21, 1991, draft design standards for public improvements were sent out for comment to nearly 50 engineers and developers plus the City Council and Planning Commission. This draft is a complete rewrite of the standards adopted in 1976. The introduction, Storm Drainage and Miscellaneous sections were written by City staff. The Water section was written by City staff based on information supplied in the Water Master Plan by Psomas & Associates. TJKM (streets) and Black & Veatch (wastewater) prepared recommended design standards as part of their work on the respective Master Plans. Their work was somewhat revised and edited by City staff to conform to the organization of the other sections.

Major changes from the 1976 standards are described in Exhibit A. Some changes were made in the draft since February 21, partly based on comments received at a public meeting held March 12 at which one engineer and two developers attended. No other comments were received. A few errors have been corrected.

The standards were reviewed at a Council "shirtsleeve" meeting on April 9 where an additional change regarding sight distance and right-of-way fences was described.

The standards do not include the following items which the Council may wish to direct staff for future action:

Fences and Landscaping - The Standards were silent as to criteria for landscaping and reverse frontage fences whether publicly or privately owned and maintained. Staff feels that this should be specifically addressed in the project approval stage. If written minimum requirements are desired, they should be developed with SPARC and/or the Planning Commission and added to the Standards at a later date. The fact that these issues are not included was specifically added to Section 1.301, General Design.

Parkways - A standard street section incorporating trees and a landscaped parkway between the curb and sidewalk in new subdivisions has been discussed. Such a standard would either:

APPROVED: _____

THOMAS A. PETERSON
City Manager

recycled paper

CC-1

CDESIGN2/TXTW.02M (CO.COM)

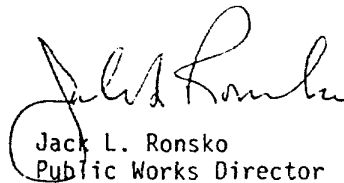
April 29, 1991

Design Standards
May 15, 1991
Page 2

- ° Require substantially more right-of-way, thereby increasing the cost of new homes; or
- ° Require a change in the zoning code to provide for reduced front yard setbacks (except for garages). Staff feels this should be addressed by the Planning Commission.

A draft Resolution adopting these Standards is attached as Exhibit B.

FUNDING: None required.



Jack L. Ronsko
Public Works Director

Prepared by Richard C. Prima Jr., Assistant City Engineer

JLR/RCP/mt

Attachment

cc: Assistant City Engineer
Senior Civil Engineer
Street Superintendent
Water/Wastewater Superintendent

DRAFT DESIGN STANDARD CHANGES

- 1 The introduction has been greatly expanded in an attempt to cover legal issues and on-site responsibility. The section on "Authority" is new and assumes the Design Standards will be adopted by Resolution with the guidelines for changes by the City Engineer.
- 2 The sections on submittals contained in each major section have been written to work with the proposed Growth Management Plan and correspond to three stages of development:
 - Development Plan
 - Tentative Map or Master Plan
 - Improvement Plans.
- 3 Section 1.200 on Design Volumes is new. The consultants who prepared the Circulation Study provided recommended volume ranges and design speeds for the various street classifications. This will provide a more rational basis for selecting the proper street widths in new developments. The classifications are consistent throughout these Standards.
- 4 The Traffic Studies section is new and consists of material taken from the circulation study and past practice.
- 5 In Section 1.301, (Street) General Design, the requirement that lots fronting arterials do not require exiting vehicles to back out (ie, they must have on-site turn-around space, is new as recommended in the Circulation Plan.

"Standard" cul-de-sacs has been deleted. Radius and other criteria remains, allowing various shaped cul-de-sacs as have been permitted in the past. The maximum length has been increased from 500 ft. to 750 ft. (provided design volumes limits are met) to provide more flexibility in design.

The requirement for temporary curbing on boundary streets is new, although it has been required on many projects in the past.
- 6 Section 1.302, "Cross Slope" includes much more discussion of pavement cross slope relating to driveways and scraping problems. This criteria has been developed on recent overlays with good success.
- 7 The section on sight distance is new although the proposed criteria have been used on specific projects in the past.
- 8 The vertical curve criteria contains much more detail than the previous standards and is consistent with applicable Caltrans criteria and other references.
- 9 The table of curb return grades is new and consists of extrapolations of past practice.
- 10 All the text on median grades (§1.304) and design (§1.306) is new. Some came from the circulation study, the remainder, in-house.
- 11 The section on horizontal curves increases most of the required minimum radii, except that for minor residential streets is reduced from 250 ft. to 220 ft. Additional references to Caltrans standards are provided.

The minimum requirement for separation of opposing streets is the same, however, additional separation may be required on certain streets as described in §1.305.
- 12 The driveway standards include new requirements for spacing from curb returns per the Circulation Study and additional criteria for the use of special driveways (those with a radius instead of a curb transition) in certain locations. Upgrading of existing driveways may be

- 29 The storm drain pipe slope table and velocity discussion has been greatly expanded in §3.303.
- 30 §3.305 states that storm drains are considered wastewater lines when looking at clearances to water lines. This is per State Department of Health Services interpretations of existing regulations.
- 31 Asbestos cement pipe has been deleted as an acceptable storm drain material in §3.306. The joints are often are not installed properly. Also, the material is not commonly used since PVC is available. PVC pipe use is restricted as described.
- 32 §3.307 limits the use of mortar joints in storm drain pipe. Due to workmanship, exfiltration and root problems, rubber gaskets are now required.
- 33 The section on storm drain services (§3.400) has been entirely rewritten mainly following existing practice and policies. The requirements for parcels less than one acre are new.
- 34 The portion of §3.501 regarding omitting manholes and allowing direct ties to mains has been revised to limit the number of situations in which direct ties are allowed.
- 35 Section 3.700, Detention Basins includes past sections on private basins but now requires Council approval for all private and/or temporary basins.
- 36 The Water section has been completely rewritten and follows the format and organization of the wastewater section. Much more design information is provided in the area of fire flows and requirements for checking water main sizes.
- 37 The 4" minimum water main (where there is no hydrant service) is new per the Water Master plan by Psomas.
- 38 §4.306 on water main pipe includes present restrictions on PVC with a slight modification. The proposed standard encourages the installation of fire services in new developments, thus there should be less need for subsequent taps.
- 39 The section on Maps and Easements is new, but essentially is present practice.
- 40 Section 5.200 regarding improvement plans is a compilation of recent practice and incorporates new requirements in the Design Standards. The job site sign and well abandonment timing requirements are new.
- 41 Section 5.300 regarding "as-built" plans is entirely new. It is intended to relieve the City from some development related work. It will be more equitable in that projects with problems or other special circumstances will have less of an effect on the City's costs which are passed on to all developers in engineering fees. The monument certification is required by the State Subdivision Map Act §66497.
- 42 Section 5.400 regarding traffic control is new and reflects changes in the Caltrans Traffic Manual regarding traffic control plans and problems the City has had with projects affecting existing streets.
- 43 Section 5.500 regarding soils reports is new. Soils reports are commonly being done in new developments and the Map Act requires that they be on file (§66434.5). This section summarizes other portions of the Design Standards which refer to needed soil work.
- 44 Section 5.600 regarding grading is new. While the City has adopted Chapter 70 "Grading and Excavation" of the Uniform Building Code, there is no process or criteria for issuing grading permits. The proposed Design Standards provide some basis for reviewing potential problems.

D R A F T

RESOLUTION NO. 91-

A RESOLUTION OF THE LODI CITY COUNCIL
ADOPTING DESIGN STANDARDS FOR PUBLIC IMPROVEMENTS

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WHEREAS, the Lodi City Council on November 17, 1976 adopted Resolution No. 42-90, establishing certain Design Standards for public improvements; and

WHEREAS, such Design Standards have been amended from time to time since that date; and

WHEREAS, it has become desirable to update such Design Standards on a unified basis; and

WHEREAS, a public hearing before the Lodi City Council was held on _____, 19____;

NOW, THEREFORE, BE IT RESOLVED, that:

1. The Lodi City Council adopts the Lodi Public Improvement Design Standards contained in Exhibit A attached hereto and incorporated by reference as if fully set forth herein to implement the various sections of the Lodi Municipal Code and General Plan goals and policies;
2. All previously adopted Design Standards for public improvements are declared repealed and void;
3. Any and all other resolutions in conflict herewith are repealed to the extent of such duplication or conflict; and
4. Pursuant to this resolution, the City Engineer shall be empowered and authorized to interpret and make decisions applying the Design Standards adopted herein, and to make periodic updates consistent with the General Plan, Municipal Code and other ordinances, resolutions and policies affecting such Design Standards.

Dated:

=====

RES90DES/TXTA.01V

I hereby certify that Resolution No. was passed and adopted by the Lodi City Council in a regular meeting held by the following vote:

Ayes: Council Members -

Noes: Council Members -

Absent: Council Members -

Alice M. Reimche
City Clerk

RESOLUTION NO. 91-92

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WHEREAS, such Design Standards have been amended from time to time since that date; and

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WHEREAS, a public hearing before the Lodi City Council was held on May 15, 1991;

NOW, THEREFORE, BE IT RESOLVED, that:

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2. All previously adopted Design Standards for public improvements are declared repealed and void;
3. Any and all other resolutions in conflict herewith are repealed to the extent of such duplication or conflict; and
4. Pursuant to this resolution, the City Engineer shall be empowered and authorized to interpret and make decisions applying the Design Standards adopted herein, and to make periodic updates consistent with the General Plan, Municipal Code and other ordinances, resolutions and policies affecting such Design Standards.

Dated: May 15, 1991

RES9192/TXTA.01V

I hereby certify that Resolution No. 91-92 was passed and adopted by the Lodi City Council in a regular meeting held May 15, 1991 by the following vote:

Ayes: Council Members -

Noes: Council Members -

Absent: Council Members -

Alice M. Reimche
City Clerk

91-92
-2-

RES9192/TXTA.01V

DECLARATION OF MAILING

On May 2, 1991 in the City of Lodi, San Joaquin County, California, I deposited in the United States mail, envelopes with first-class postage prepaid thereon, containing a copy of the Notice attached hereto, marked Exhibit "A"; said envelopes were addressed as is more particularly shown on Exhibit "B" attached hereto.

There is a regular daily communication by mail between the City of Lodi, California, and the places to which said envelopes were addressed.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on May 2, 1991, at Lodi, California.

Alice M. Reimche
City Clerk

Jennifer M. Perrin
Jennifer M. Perrin
Deputy City Clerk

DEC/01
TXTA.FRM



CITY OF LODI

CARNEGIE FORUM
305 West Pine Street, Lodi

NOTICE OF PUBLIC HEARING

Date: May 15, 1991

Time: 7:30 p.m.

For information regarding this Public Hearing
Please Contact:

Alice M. Reimche
City Clerk
Telephone: 333-6702

NOTICE OF PUBLIC HEARING

May 15, 1991

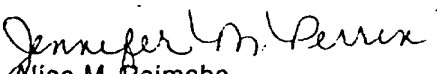
NOTICE IS HEREBY GIVEN that on Wednesday, at the hour of 7:30 p.m., or as soon thereafter as the matter may be heard, the City Council will conduct a public hearing to consider the following matter:

- a) Public Improvement Design Standards

All interested persons are invited to present their views and comments on this matter. Written statements may be filed with the City Clerk at any time prior to the hearing scheduled herein, and oral statements may be made at said hearing.


If you challenge the subject matter in court, you may be limited to raising only those issues you or someone else raised at the Public Hearing described in this notice or in written correspondence delivered to the City Clerk, 221 West Pine Street, at or prior to the Public Hearing.

By Order Of the Lodi City Council:

for 
Alice M. Reimche
City Clerk

Dated: May 1, 1991

Approved as to form:


Bobby W. McNatt
City Attorney

TIE GIANNONI ORGANIZATION /
1420 S MILLS AVE #E
LODI, CA 95242

BOB MORRIS
222 W LOCKEFORD ST #9
LODI, CA 95240

WENTLAND-SNIDER
521 S HAM LN #A
LODI, CA 95242

FRED BAKER
317 W LODI AVE
LODI, CA 95240

RON THOMAS
PO BOX 1505
LODI, CA 95240

GOODEN CONSTRUCTION
114A N CHURCH ST
LODI, CA 95240

DARYL GEWEKE
PO BOX 1210
LODI, CA 95241

JEFF KIRST
120 N PLEASANT
LODI, CA 95240

BAUMBACH-PIAZZA
323 W ELM ST
LODI, CA 95240

DILLON ENGINEERING
PO BOX 2180
LODI, CA 95241

WENELL MATTHEIS BOWE
222 W LOCKEFORD ST #9
LODI, CA 95240

ENGINEERING FEE UPDATE MAILING LIST, 4/19/91

± Design Stds

RESOLUTION NO. 91-92

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Dated: May 15, 1991

RES9192/TXTA.02J

I hereby certify that Resolution No. 91-92 was passed and adopted by the Lodi City Council in a regular meeting held May 15, 1991 by the following vote:

Ayes: Council Members - Pennino, Pinkerton, Sieglock, Snider
and Hinchman (Mayor)

Noes: Council Members - None

Absent: Council Members - None

Alice M. Reimche
Alice M. Reimche
City Clerk

BOOK Found
IN CC-6

MEMORANDUM, City of Lodi, Public Works Department

TO: City Council
City Manager

FROM: Public Works Director

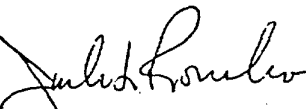
DATE: May 13, 1991

SUBJECT: Public Improvement Design Standards

Attached is a final copy of the Public Improvement Design Standards which will be the subject of a public hearing at the May 15 City Council meeting.

This copy is the same as the draft presented at the April 9 shirtsleeve meeting with the following exceptions:

1. On Page 4, Section 1.301 General Design (Streets), third paragraph, "and major collectors" was added after "arterial streets" to be consistent with the circulation element of the General Plan.
2. The sight distance figure on Page 6 has been revised to include a "preferred" driver's eye distance from the face of curb as described at the shirtsleeve meeting.
3. A short section regarding pavement transitions has been added to Page 8.
4. Minor editorial changes.
5. Typographical corrections.


Jack L. Ronsko
Public Works Director

JLR/RCP/mt
LJR

Attachment

cc: Baumbach-Piazza

***TO AVOID DUPLICATION OF LARGE
DOCUMENTS IN THE FORTIS SYSTEM,
ADDITIONAL BACKGROUND INFORMATION
REGARDING THIS ITEM IS LOCATED AS
FOLLOWS:***

5/15/91 Public Hearings

Book entitled "Public Works
Dept. Public Improvement Design
Standards" May 1991